Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 19 Mar 2023 until 23:59 on Monday 20 Mar 2023

Forecast Issued on Saturday 18 Mar 2023 at 16:38

Confidence: High for a largely fine day through much of tomorrow and for an unsettled week but lower with regard to timing of arrival and clearance of the more persistent bands of rain.

Headline for Sunday 19 Mar 2023: Bright and mainly dry with sunny spells. Evening rain.

Mountain weather hazards on Sunday 19 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
30%	20%	<05%	<05%	<05%	<05%	10%	40%

Forecast for Sunday 19 Mar 2023

Weather: Rather cloudy with patchy rain but soon becoming dry with clear spells developing. Then a bright day with sunny spells but cloud above the summits thickens from mid-afternoon, bringing outbreaks of rain east through the evening.

Chance of cloud-free hill tops above 600m: Around 75% at dawn rising close to 100% by midday, chances fall towards zero later in the evening.

Low cloud and visibility: Occasional cloud above about 600m at first lifting above the summits through the morning, more persistent cloud above 450-600m develops through the evening. Away from cloud visibility very good, falling to several kilometres in evening rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 19 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/25 W	18/24 W	15/21 W	16/23 W	14/21 W	15/22 W	12/17 W	13/19 SW	18/26 SW
300	14/21 NW	14/21 W	12/19 W	13/20 NW	12/19 W	12/19 W	7/12 W	7/11 SW	12/19 SW
Valley	10/20 NW	10/20 W	8/19 NW	10/20 NW	10/19 W	10/19 W	6/14 W	4/12 SW	7/18 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	2/-4	2/-4	2/-3	4/-1	4/-1	3/-1	2/-2	3/-2
300	5/1	4/0	4/0	5/1	7/3	7/3	6/3	5/2	5/1
Valley	6/3	5/2	5/2	6/3	8/5	8/5	6/4	5/4	5/3
Freezing Level*	1000m	900m	800m	800m	800m	800m	800m	1000m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Still a significant chill at higher elevations, despite the dry and bright conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 18 Mar 2023	1.4mm	4.8mm	14.4mm

Forecast for Monday 20 Mar 2023

Weather: A mostly cloudy day with outbreaks of rain, most persistent and perhaps occasionally heavy in the west. Eastern hills likely to see some brighter, drier spells.

Maximum wind: Southerly or southwesterly 15-20mph, with gusts around 35mph over higher peaks at first and again in evening.

Chance of cloud-free hill tops above 600m: Little or no chance across western hills, but nearer 40% over eastern hills.

Low cloud and visibility: Periods or persistent cloud above 450-600m, lowering to 300m, at times in west, but cloud more occasional above 600m over eastern hills. Away from cloud visibility good falling to several kilometres in rain.

Temperature: **Valleys:** Plus 5 or 6 Celsius rising to plus 13 or 14 Celsius by day
At 600m: Around plus 3 Celsius rising to plus 8 Celsius
Freezing level: Above the summits.

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